

include with a license a requirement for the submission of collector track and nodule production data. Only if information submitted reflects that the integrated system tests are resulting in undue waste or threatening the future opportunity for commercial recovery of the unrecovered balance of hard mineral resources will the Administrator modify the terms, conditions or restrictions pertaining to the conservation of natural resources, in order to address such problems.

(c) If the Administrator so modifies such terms, conditions and restrictions relating to conservation of resources, he will employ a balancing process in the consideration of the state of the technology being developed, the processing system utilized and the value and potential use of any waste, the environmental effects of the exploration activities, economic and resource data, and the national need for hard mineral resources.

### Subpart G—Environmental Effects

SOURCE: 46 FR 45908, Sept. 15, 1981, unless otherwise noted.

#### § 970.700 General.

Congress, in authorizing the exploration for hard mineral resources under the Act, also enacted provisions relating to the protection of the marine environment from the effects of exploration activities. For example, before the Administrator may issue a license, pursuant to section 105(a)(4) of the Act he must find that the exploration proposed in an application cannot reasonably be expected to result in a significant adverse effect on the quality of the environment. Also, the Act requires in section 109(b) that each license issued by the Administrator must contain such terms, conditions and restrictions which prescribe the actions the licensee must take in the conduct of exploration activities to assure protection of the environment. Furthermore, the Act in section 105(c)(1)(B) provides for the modification by the Administrator of any term, condition or restriction if relevant data and other information indicates that modification is required to protect the quality of the environment. In ad-

dition, section 114 of the Act specifies that each license issued under the Act must require the licensee to monitor the environmental effects of the exploration activities in accordance with guidelines issued by the Administrator, and to submit such information as the Administrator finds to be necessary and appropriate to assess environmental impacts and to develop and evaluate possible methods of mitigating adverse environmental effects.

#### § 970.701 Significant adverse environmental effects.

(a) *Activities with no significant impact.* NOAA believes that exploration activities of the type listed below are very similar or identical to activities considered in section 6(c)(3) of NOAA Directives Manual 02-10, and therefore have no potential for significant environmental impact, and will require no further environmental assessment.

(1) Gravity and magnetometric observations and measurements;

(2) Bottom and sub-bottom acoustic profiling or imaging without the use of explosives;

(3) Mineral sampling of a limited nature such as those using either core, grab or basket samplers;

(4) Water and biotic sampling, if the sampling does not adversely affect shellfish beds, marine mammals, or an endangered species, or if permitted by the National Marine Fisheries Service or another Federal agency;

(5) Meteorological observations and measurements, including the setting of instruments;

(6) Hydrographic and oceanographic observations and measurements, including the setting of instruments;

(7) Sampling by box core, small diameter core or grab sampler, to determine seabed geological or geotechnical properties;

(8) Television and still photographic observation and measurements;

(9) Shipboard mineral assaying and analysis; and

(10) Positioning systems, including bottom transponders and surface and subsurface buoys filed in *Notices to Mariners*.

(b) *Activities with potential impact.* (1) NOAA research has identified at-sea testing of recovery equipment and the